



## VULCAN Z DDR4

### VULCAN Z

T-FORCE VULCAN Z DDR4 gaming memory has been tested rigorously by the T-FORCE laboratory.

Every overclocking memory is tested for complete compatibility and stability. This offers gamers a DDR4 memory with excellent quality, optimal performance, stability and compatibility. Gamers are able to fully enjoy the finest and smoothest gaming experience and an extreme high speed performance without any lag.

### Main Feature

- Simple design to perfectly protect the cooling module
- High thermal conductive adhesive
- Supports Intel & AMD motherboards
- Selected high-quality IC
- Supports XMP2.0
- Energy saving with ultra-low working voltage

### Specification

|                         |                                                           |                         |                         |
|-------------------------|-----------------------------------------------------------|-------------------------|-------------------------|
| Module Type             | DDR4 288 pin Non-ECC Unbuffered DIMM                      |                         |                         |
| Capacity                | 4GB / 8GB / 16GB / 32GB / 4GBx2 / 8GBx2 / 16GBx2 / 32GBx2 |                         |                         |
| Frequency               | 2666MHz                                                   | 3000MHz                 | 3200MHz                 |
| Data Transfer Bandwidth | 21,328 MB/s (PC4 21300)                                   | 24,000 MB/s (PC4 24000) | 25,600 MB/s (PC4 25600) |
| Latency                 | CL18-18-18-43                                             | CL16-18-18-38           | CL16-18-18-38           |
| Voltage                 | 1.2V                                                      | 1.35V                   |                         |
| Dimensions              | 32(H) x 140(L) x 7(W)mm                                   |                         |                         |
| Heat Spreader           | Aluminum heat spreader                                    |                         |                         |
| Warranty                | Lifetime warranty                                         |                         |                         |

### Ordering Information

| Color | Frequency            | CAS Latency/Voltage | Capacity | Team P/N             |
|-------|----------------------|---------------------|----------|----------------------|
| RED   | DDR4-2666(PC4-21328) | CL18-18-18-43 1.2V  | 4GB      | TLZRD44G2666HC18H01  |
|       |                      |                     | 8GB      | TLZRD48G2666HC18H01  |
|       |                      |                     | 16GB     | TLZRD416G2666HC18H01 |
|       |                      |                     | 32GB     | TLZRD432G2666HC18H01 |
|       | DDR4-3000(PC4-24000) | CL16-18-18-38 1.35V | 4GB      | TLZRD44G3000HC16C01  |
|       |                      |                     | 8GB      | TLZRD48G3000HC16C01  |
|       |                      |                     | 16GB     | TLZRD416G3000HC16C01 |
|       |                      |                     | 32GB     | TLZRD432G3000HC16C01 |
|       | DDR4-3200(PC4-25600) | CL16-18-18-38 1.35V | 4GB      | TLZRD44G3200HC16C01  |
|       |                      |                     | 8GB      | TLZRD48G3200HC16C01  |
|       |                      |                     | 16GB     | TLZRD416G3200HC16C01 |
|       |                      |                     | 32GB     | TLZRD432G3200HC16C01 |



## Ordering Information



| Color | Frequency            | CAS Latency/Voltage | Capacity | Team P/N             |
|-------|----------------------|---------------------|----------|----------------------|
| GRAY  | DDR4-2666(PC4-21328) | CL18-18-18-43 1.2V  | 4GB      | TLZGD44G2666HC18H01  |
|       |                      |                     | 8GB      | TLZGD48G2666HC18H01  |
|       |                      |                     | 16GB     | TLZGD416G2666HC18H01 |
|       |                      |                     | 32GB     | TLZGD432G2666HC18H01 |
|       | DDR4-3000(PC4-24000) | CL16-18-18-38 1.35V | 4GB      | TLZGD44G3000HC16C01  |
|       |                      |                     | 8GB      | TLZGD48G3000HC16C01  |
|       |                      |                     | 16GB     | TLZGD416G3000HC16C01 |
|       |                      |                     | 32GB     | TLZGD432G3000HC16C01 |
|       | DDR4-3200(PC4-25600) | CL16-18-18-38 1.35V | 4GB      | TLZGD44G3200HC16C01  |
|       |                      |                     | 8GB      | TLZGD48G3200HC16C01  |
|       |                      |                     | 16GB     | TLZGD416G3200HC16C01 |
|       |                      |                     | 32GB     | TLZGD432G3200HC16C01 |



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|-------|----------------------|---------------------|----------|------------------------|
| RED   | DDR4-2666(PC4-21328) | CL18-18-18-43 1.2V  | 4GBX2    | TLZRD48G2666HC18HDC01  |
|       |                      |                     | 8GBX2    | TLZRD416G2666HC18HDC01 |
|       |                      |                     | 16GBX2   | TLZRD432G2666HC18HDC01 |
|       |                      |                     | 32GBX2   | TLZRD464G2666HC18HDC01 |
|       | DDR4-3000(PC4-24000) | CL16-18-18-38 1.35V | 4GBX2    | TLZRD48G3000HC16CDC01  |
|       |                      |                     | 8GBX2    | TLZRD416G3000HC16CDC01 |
|       |                      |                     | 16GBX2   | TLZRD432G3000HC16CDC01 |
|       |                      |                     | 32GBX2   | TLZRD464G3000HC16CDC01 |
|       | DDR4-3200(PC4-25600) | CL16-18-18-38 1.35V | 4GBX2    | TLZRD48G3200HC16CDC01  |
|       |                      |                     | 8GBX2    | TLZRD416G3200HC16CDC01 |
|       |                      |                     | 16GBX2   | TLZRD432G3200HC16CDC01 |
|       |                      |                     | 32GBX2   | TLZRD464G3200HC16CDC01 |



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| GRAY  | DDR4-2666(PC4-21328) | CL18-18-18-43 1.2V  | 4GBX2    | TLZGD48G2666HC18HDC01  |
|       |                      |                     | 8GBX2    | TLZGD416G2666HC18HDC01 |
|       |                      |                     | 16GBX2   | TLZGD432G2666HC18HDC01 |
|       |                      |                     | 32GBX2   | TLZGD464G2666HC18HDC01 |
|       | DDR4-3000(PC4-24000) | CL16-18-18-38 1.35V | 4GBX2    | TLZGD48G3000HC16CDC01  |
|       |                      |                     | 8GBX2    | TLZGD416G3000HC16CDC01 |
|       |                      |                     | 16GBX2   | TLZGD432G3000HC16CDC01 |
|       |                      |                     | 32GBX2   | TLZGD464G3000HC16CDC01 |
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|       |                      |                     | 8GBX2    | TLZGD416G3200HC16CDC01 |
|       |                      |                     | 16GBX2   | TLZGD432G3200HC16CDC01 |
|       |                      |                     | 32GBX2   | TLZGD464G3200HC16CDC01 |

※ We reserve the right to modify product specifications without prior notice.